

**METHOD AND INSTRUMENT FOR  
DETERMINING THE DISTORTION ANGLES IN  
TEXTILE FABRICS OR SIMILAR, WHETHER  
FIXED OR IN MOVEMENT.**

**ABSTRACT**

This invention concerns a method for determining the angles of oblique and arched distortion in a textile fabric or similar, with the use of at least one optical detector. It consists of: the acquisition, in digital form, of a real image of an area of the fabric or similar which is illuminated for just the time necessary to acquire the image; the possible rotation of the image; the storing of the image inside the optical detector; the application of appropriate algorithms to the image in order to increase the reliability of the results; and the determination of the angle of local distortion through analysis of the two-dimensional spectrum of the Fourier transformation, in order to calculate the distortion angles, starting from the angles of local distortion.